SONY

DSC-T70/P

Cyber-shot® Digital Still Camera

The Sony touch in styling, shooting and sharing. The ultra-slim 8.1 MP Sony® Cyber-shot® DSC-T70 comes four cool lifestyle colors, with giant 3.0"[1] Widescreen touch-panel LCD, advanced Smile Shutter and Face Detection to bring out the best in everyone. Also: the Sony Double Anti-Blur Solution, spectacular HD Output[2] Stamina® power.

- Design That Makes a Statement
  With ultra-slim body in silver, black, white or pink, the DSC-T70 makes a sleek fit for any lifestyle -- with simplifies camera operation with a 3.0" [1] Widescreen touch-panel LCD that replaces function buttons with easy on-screen icons.
- 8.1 MP Super HAD™ CCD
  More megapixels give you more detail and definition when you make big prints or crop in tight on your subject. The advanced Sony® Super HAD™ (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.
- Carl Zeiss® 3X Optical Zoom Lens Design
  An ingenious Carl Zeiss® lens design provides 3X Optical zoom in amazingly compact dimensions -- and even at full zoom the lens doesn't project beyond the camera body, preserving its ultra-slim styling.
- The Sony Double Anti-Blur Solution
  With Super SteadyShot® optical image stabilization and high sensitivity (ISO 3200), the DSC-T70 compensates for shaky hands, minimizes blur and allows flash-free shooting to preserve the mood -- and Sony Clear RAW™ Noise Reduction reduces the picture noise that can ruin low-light shots.
- 3.0"[1] Widescreen Clear Photo LCD Plus™ Display
  A widescreen display in the palm of your hand! Clear Photo LCD Plus™ design enables the giant 3.0" [1] Widescreen LCD of the DSC-T70 to display photos with superb clarity and color reproduction -- with AR (anti-reflective) coating for excellent visibility even in bright sunlight.
- Touch-Screen Operation
  The DSC-T70's Widescreen touch-panel LCD replaces small buttons with simple on-screen icons and a user-friendly interface that make camera operation faster and simpler. You can touch any point on screen, in shooting mode, to focus on the person or object you've selected -- and touch and zoom in playback mode to concentrate on your subject.
- Simple Icon Setup Controls
  To the left and right of the image area on your widescreen display, simple icons allow quick touch-screen operation of essential camera functions. The icons can be switched off to provide a full 16:9 widescreen view of your photos -- and the on-screen Function Guide display helps you learn camera setup operations.
- Face Detection
  Because the face makes the photo, Sony has created Face Detection technology that recognizes up to 8 faces in a photo and automatically controls focus, exposure, color and flash to bring out the best in everyone. Unlike some competitive systems, Sony Face Detection makes skin tones look more natural and reduces red-eye with pre-strobe flash.
- Smile Shutter Mode
  In Smile Shutter Mode, the DSC-T70 helps you capture more smiles by shooting automatically when your subject laughs, smiles, even grins. You select the person to watch and the expression to catch -- your Cyber-shot® camera's Face Detection system and intelligent Smile Shutter algorithm do the rest!
- HD Output[2]
  Direct HD output[2] to your Sony Bravia® HDVT or other compatible HDTV screen lets you view DSC-T70 still photos in spectacular clarity and detail. Optional HD solutions include a Cyber-shot® cradle/charger with component cable output and high-speed Picture Station™ Photo Printers that make 4" x 6" prints in about 45 seconds (excluding processing time). (Cradle/charger, and printer sold separately.)
- Multi-Resizing Function
  The in-camera feature that resizes your photos for any purpose! Standard 4:3 can be resized to widescreen 16:9 and 2 MP for giant-screen HDTV display[2], images at 16:9 and larger than VGA resolution can be resized to 4:3 VGA for e-mailing (internet connection required) to friends and family, and a simple 4-direction touch-screen control makes it easy to trim photos.
- Wide Zoom Display
  To use the entire image area of your DSC-T70 Widescreen LCD and compatible HDTV[2] screens, Wide Zoom automatically expands standard 4:3 images to 16:9.
- HD Slide Show with Music
  It's the high-definition viewing experience that makes photos more entertaining to watch, accompanied by your choice of visual effects and any of four preset musical selections stored in memory or your favorite music downloaded from PC to your camera for use as background music[4].
- 9-Point Auto Focus
  Because an off-center subject can make your shot more interesting, the DSC-T70 can measure auto-focus precision at 9 points on your screen -- giving you greater creative freedom to compose your image.
- D-Range Optimization
  Powered by the exclusive Sony Bionz™ high-speed processing engine, D-Range Optimization preserves image data in bright highlights and reveals more detail in shadows or backlit areas -- for great results even in difficult lighting conditions.
- In-Camera Retouching
  The DSC-T70 lets you add 8 creative effects to photos after you shoot -- including new "radial blur" effect, "retro" color tint and trimming function along with soft edge filter to soften backgrounds, cross filter to place starry "dazzles" at highlight points, partial color filter to mute surrounding colors, and fish-eye filter to create interesting fish-eye lens effects.
- In-Camera Red-Eye Reduction
  Irritating "glowing eyes" can ruin even the most creative photos -- so the DSC-T70 provides in-camera correction at the touch of a button to reduce lingering red-eye effect that other systems might miss.

ADDITIONAL FEATURES

- Enhanced Paint Function
- 31 MB Internal Memory.
- Up to 15X Smart Zoom® Feature[5]
- MPEG Movie VX Fine Mode
- Stamina® Battery Power
- Software for Managing Your Memories

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Specifications

General

Megapixel: 8.1 MP

Imaging Device: 1/2.5" Super HAD™ CCD

Recording Media: 31MB[1] internal Flash Memory, optional Memory Stick™ DUO Media, optional Memory Stick PRO DUO™ Media

Convenience

White Balance: Automatic, Cloudy, Daylight, Fluorescent 1, Fluorescent 2, Fluorescent 3, Incandescent, Flash

Self Timer: Yes (10 seconds, 2 seconds, Off)

Memory Stick PRO™ Media Compatibility: Tested to support up to 8GB Memory Stick PRO DUO™ media capacity[9]; does not support Access Control security function.

Still Image Mode(s): Burst, JPEG (Fine), Exposure Bracketing

Red-Eye Reduction: Yes (On/Off all modes)

Burst Mode: 100-shots at 2.0 fps (all resolutions)

Erase/Protect: Yes/Yes

Date/Time Stamp: No/ No

Media/Battery Indicator: Yes/Yes

Color Mode(s): Black & White, Natural, Sepia, Vivid

Convenience Features

Real Imaging Processor™ Technology: Yes - Bionz

AF Illuminator Light: Yes

PictBridge Compatible: Yes

Multi-Pattern Measuring: Yes

SteadyShot® Image Stabilization: Yes

Scene Mode(s): Beach, Fireworks, High Sensitivity, High Speed Shutter, Landscape, Snow, Soft Snap, Twilight, Twilight Portrait, Smile Shutter

Movie Mode(s): MPEG VX Fine with Audio (640x480 at 30fps) (MPEG VX Fine requires Memory Stick PRO DUO™ media), MPEG VX Standard with Audio (640x480 at 16.6fps), Presentation Mode(320 x 240 at 8.3fps).

Power Save Mode: Yes (after approx. 3 min. of inactivity)

In-Camera Editing: Red-eye correction, soft edge filter, cross filter, partial color filter, fish-eye filter, retro, radiation, trimming

Inputs and Outputs

Accessory Terminal: N/A

Audio/Video Output(s): Yes via Mutli-Use Connector

USB Port(s): Yes (Supports USB 2.0[8])

HD Output: Yes (1080i) with optional accessory

Hardware

LCD: 3.0"[1] (230K Pixels) Clear Photo LCD™ plus screen

Viewfinder: N/A

Lens Construction: 11 Elements in 9 Groups, 3 Aspheric Elements, 1 prism

Microphone/Speaker: Yes/ Yes

Lens Type: Carl Zeiss® Vario-Tessar®

Docking Station: Yes, via optional HD cradle

Operating Conditions

Flash Effective Range: ISO Auto: 4" to 10' (0.1-3.0m)(W), ISO 3200: 4" to 20' (0.1-6.0m)(W)

Flash Mode(s): Auto, Forced On, Forced Off, Slow Synch

Optics/Lens

Focal Length: 6.33 - 19 mm

35mm Equivalent: 38 - 114 mm

Focus: 9 Area Multi-Point AF, Center AF, Spot AF

Aperture Range: f3.5-10.0 (Auto/Program Auto)

Shutter Speed: 1/4-1/1000 sec. (Auto), 1"-1/1000 sec. (Program Auto)

Exposure Compensation: ±2.0 EV, 1/3 EV Step Increments

ISO: Auto, 80, 100, 200, 400, 800, 1600, 3200

Filter Diameter: N/A

Smart Zoom® Technology: Up to 3.8X (5MP), 4.8X (3MP), 5.1X (16:9 2MP) 15X (VGA Resolution)[5]

Digital Zoom: 2X(Precision)

Optical Zoom: 3X

Macro Mode: Yes, Magnifying Glass Mode. Minimum focus 3/8" (1 cm)

Total Zoom: 6X

Minimum Focus Distance: 19-11/16" (50cm) Normal, 3-1/8" (8cm) Macro

Face Detection: Yes (touch/continuous)

Power

Battery Type: Lithium-Ion NP-BD1

Battery Capacity: 3.6V, 680 mAh

Software

Supplied Software: Windows: Picture Motion Browser Vers 2.1 + USB Driver

Operating System Compatibility: Microsoft® 2000 Professional, Me, XP Home and Professional, and Vista; Macintosh® OS 9.1/9.2/OS X (10.1-10.4)

Dimensions

Weight: 4.5 oz (128 g) Body; 5.5 oz. (156 g) including Battery and optional Memory Stick™ DUO Media

Measurements: 3 9/16" x 2 1/4" x 13/16" (90 x 56.4 x 20.7 mm)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Supplied Accessories

NP-BD1 rechargeable battery

BC-CSD battery charger

A/V and USB multi-connector cables

Adaptor plate for cradle

Wrist strap

Paint Pen Software CD-ROM

Note: No Memory Stick® DUO media or adaptors are included.

Optional Accessories

Accessory Kit (ACC-CLGB)

Rechargeable Lithium-Ion Battery (NP-FD1)

Compact Quick Charger (BC-TR1)

AC Power Adaptor (AC-LS5K)

Wide End Conversion Lens (VCL-DE07TB)

GPS Unit Kit (GPS-CS1KA)

Color: Pink

UPC Code: 027242713321

1 : Viewable area, measured diagonally.
2 : HD Output requires an optional Sony® HD component cable; HDTV sold separately.
3 : Actual results may vary based on product settings, usage patterns, battery and environmental conditions.
4 : Maximum playback length of each music file is 180 seconds.
5 : Smart Zoom® feature will not work at highest resolution setting.
6 : Shooting at high frame rate of up to 30 frames per second requires Memory Stick PRO Duo™ media.
7 : The online map service is currently provided courtesy of Google, and is subject to change or termination without notice.
8 : Not all products with USB 2.0 connectors may communicate with each other.
9 : A portion of the memory is used for data management functions.

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